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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 10, 2006

Applicant: Gary J. Morris

For: Blood Pressure Simulation Apparatus with Tactile Interface

Serial No.: 10/677,668

Filed: 10/02/2003

Examiner: Kathleen Mosser

Art Unit: 3715

CERTIFICATION OF TRANSMISSION

I certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office Fax Number (571) 273-8300 on the date below.

May 10, 2006
Date

Signature

Declaration in Support of Overcoming 35USC §112 Rejections

In support of the accompanying Amendment D in response to Non-final Rejection mailed 4/04/06, the Applicant declares as follows:

1. I am the Applicant in the above application.

2. The Applicant has formal education and decades of experience in mechanical and aerospace engineering and has patented several electronic and electromechanical devices. The Applicant holds a Bachelor of Science Degree in Aerospace Engineering and Master of Science and PhD degrees in Mechanical Engineering. The Applicant, therefore, is one having ordinary skill in the electro-mechanical arts.

3. The Applicant carefully examined electronic blood pressure devices and inner workings of said devices prior to drafting the subject Specification and constructing working prototypes of the instant invention.

4. The Applicant declares that several components are common and well known to those having ordinary skill in designing electronic blood pressure measurement devices and to those having ordinary skill in the electro-mechanical arts. Common components interfaced together in electronic blood pressure measurement devices include an electronic control unit (often a microprocessor or similar electronic circuit) to manage the functions of the other components, a pressurized gas generator (electric or manual air pump), a gas pressure control element (commonly an electromechanical pressure regulator valve) controlled by the electronic control unit, and a gas pressure sensor (an electronic pressure transducer) to provide pressure data to the electronic control unit. As an example of the prior art in electronic blood pressure measurement devices, see Attachment to this Declaration which includes Figure 1 from US 5,135,003 Automatic Sphygmomanometer.

5. The Applicant declares that the Specification set forth in the instant application is of sufficient detail to enable one having ordinary skill in the art to make or use the invention in its intended manner without undue experimentation.

6. I, the Applicant, further declare that all statements made herein of my own knowledge are true and that all statements made upon information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

Very Respectfully,

Gary J. Morris, Ph.D.
Applicant
Reg. No. 56,689